Day 55 | SVN3M Mr. Zuberi

**Thinking Big about Sustainable Agriculture: The Vertical Farm**

1. What is the professor's name and what institution is he a researcher at?  
A:   
  
2. Approximately how many liters of safe drinking water and calories of safe food do we need per day?  
A:   
  
3. What are four global challenges according to the professor?  
A:   
  
4. Where do most of us live in and what do we require?  
A:   
  
5. What is the world population and what is the size of our agricultural footprint?  
A:   
  
6. Describe in words the flow chart about the model of how the city works.  
A:   
  
7. Does the professor compliment or build upon the TED video presentation we viewed yesterday? What is that subject area called?  
A:   
  
8. How are cities different than animals in the ecosystem?  
A:

9. What is the big question according to the professor?  
A:

10. What is a quick answer he gave?  
A:

11. What are the advantages of the vertical farm according to the professor?  
A:

12. According to Harvard researchers, will the Earth repair itself?  
A:

13. There was only one vertical farm a year ago. How many website hits does google return when you search "vertical farms"?  
A:  
  
14. How old is the process of farming?  
A:

Reflections after the Video  
i) After seeing some of the prototypes of the vertical farms, provide reasons for whether young people might find the field of vertical farm designing to be fascinating? (minimum 4 lines)  
A:

ii) Describe your thoughts on the advantages or disadvantages the idea of vertical farming has.

A: